

Yi Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7051341/publications.pdf>

Version: 2024-02-01

100
papers

10,117
citations

218677

26
h-index

45317

90
g-index

103
all docs

103
docs citations

103
times ranked

20136
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Matrix Metalloproteinase-Mediated Disruption of Tight Junction Proteins in Cerebral Vessels is Reversed by Synthetic Matrix Metalloproteinase Inhibitor in Focal Ischemia in Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 697-709.	4.3	913
3	Stroke in China: advances and challenges in epidemiology, prevention, and management. <i>Lancet Neurology</i> , The, 2019, 18, 394-405.	10.2	903
4	Bloodâ€“Brain Barrier Breakdown in Acute and Chronic Cerebrovascular Disease. <i>Stroke</i> , 2011, 42, 3323-3328.	2.0	620
5	Free Radical Damage in Ischemia-Reperfusion Injury: An Obstacle in Acute Ischemic Stroke after Revascularization Therapy. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-17.	4.0	313
6	Vasogenic edema due to tight junction disruption by matrix metalloproteinases in cerebral ischemia. <i>Neurosurgical Focus</i> , 2007, 22, 1-9.	2.3	287
7	Role of Microglia in Neurological Disorders and Their Potentials as a Therapeutic Target. <i>Molecular Neurobiology</i> , 2017, 54, 7567-7584.	4.0	198
8	Attenuation of acute stroke injury in rat brain by minocycline promotes bloodâ€“brain barrier remodeling and alternative microglia/macrophage activation during recovery. <i>Journal of Neuroinflammation</i> , 2015, 12, 26.	7.2	197
9	Stroke prevention and control system in China: CSPPC-Stroke Program. <i>International Journal of Stroke</i> , 2021, 16, 265-272.	5.9	125
10	Impaired cerebral autoregulation: measurement and application to stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 520-531.	1.9	114
11	MMP-Mediated Disruption of Claudin-5 in the Bloodâ€“Brain Barrier of Rat Brain After Cerebral Ischemia. <i>Methods in Molecular Biology</i> , 2011, 762, 333-345.	0.9	112
12	Ferroptosis in Neurological Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 218.	3.7	90
13	Hemorrhagic transformation after cerebral infarction: current concepts and challenges. <i>Annals of Translational Medicine</i> , 2014, 2, 81.	1.7	86
14	Temporal Course of Dynamic Cerebral Autoregulation in Patients With Intracerebral Hemorrhage. <i>Stroke</i> , 2016, 47, 674-681.	2.0	79
15	Mulberry fruit prevents LPS-induced NF- κ B/pERK/MAPK signals in macrophages and suppresses acute colitis and colorectal tumorigenesis in mice. <i>Scientific Reports</i> , 2015, 5, 17348.	3.3	72
16	Crosstalk Between Autophagy and Ferroptosis and Its Putative Role in Ischemic Stroke. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 577403.	3.7	68
17	Crosstalk between Oxidative Stress and Ferroptosis/Oxytosis in Ischemic Stroke: Possible Targets and Molecular Mechanisms. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	4.0	65
18	Post-ischemic hypothermia for 24h in P7 rats rescues hippocampal neuron: Association with decreased astrocyte activation and inflammatory cytokine expression. <i>Brain Research Bulletin</i> , 2009, 79, 351-357.	3.0	64

#	ARTICLE	IF	CITATIONS
19	The prevalence, awareness, treatment, and control of dyslipidemia in northeast China: a population-based cross-sectional survey. <i>Lipids in Health and Disease</i> , 2017, 16, 61.	3.0	64
20	Seâ€Containing MOF Coated Dualâ€Feâ€Atom Nanozymes With Multiâ€Enzyme Cascade Activities Protect Against Cerebral Ischemic Reperfusion Injury. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	60
21	Prevalence of stroke and associated risk factors: a population based cross sectional study from northeast China. <i>BMJ Open</i> , 2017, 7, e015758.	1.9	56
22	Dynamic Cerebral Autoregulation Is Heterogeneous in Different Subtypes of Acute Ischemic Stroke. <i>PLoS ONE</i> , 2014, 9, e93213.	2.5	52
23	Characteristics of dynamic cerebral autoregulation in cerebral small vessel disease: Diffuse and sustained. <i>Scientific Reports</i> , 2015, 5, 15269.	3.3	43
24	Strong Association of Waist Circumference (WC), Body Mass Index (BMI), Waist-to-Height Ratio (WHtR), and Waist-to-Hip Ratio (WHR) with Diabetes: A Population-Based Cross-Sectional Study in Jilin Province, China. <i>Journal of Diabetes Research</i> , 2021, 2021, 1-9.	2.3	42
25	Changes in cerebral autoregulation and blood biomarkers after remote ischemic preconditioning. <i>Neurology</i> , 2019, 93, e8-e19.	1.1	36
26	T Cell Response in Ischemic Stroke: From Mechanisms to Translational Insights. <i>Frontiers in Immunology</i> , 2021, 12, 707972.	4.8	33
27	Increased globulin and its association with hemorrhagic transformation in patients receiving intra-arterial thrombolysis therapy. <i>Neuroscience Bulletin</i> , 2014, 30, 469-476.	2.9	31
28	Hyperbaric Oxygen Preconditioning Attenuates Hemorrhagic Transformation Through Reactive Oxygen Species/Thioredoxin-Interacting Protein/Nod-Like Receptor Protein 3 Pathway in Hyperglycemic Middle Cerebral Artery Occlusion Rats. <i>Critical Care Medicine</i> , 2016, 44, e403-e411.	0.9	28
29	Transient increase of fractional anisotropy in reversible vasogenic edema. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1731-1743.	4.3	27
30	Compromised Dynamic Cerebral Autoregulation in Patients with a Right-to-Left Shunt: A Potential Mechanism of Migraine and Cryptogenic Stroke. <i>PLoS ONE</i> , 2014, 9, e104849.	2.5	27
31	The Role of Nitric Oxide and Sympathetic Control in Cerebral Autoregulation in the Setting of Subarachnoid Hemorrhage and Traumatic Brain Injury. <i>Molecular Neurobiology</i> , 2016, 53, 3606-3615.	4.0	26
32	Hematoma volume is a predictive factor of disturbed autoregulation after spontaneous intracerebral hemorrhage. <i>Journal of the Neurological Sciences</i> , 2017, 382, 96-100.	0.6	25
33	Remote ischemic conditioning combined with intravenous thrombolysis for acute ischemic stroke. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 972-979.	3.7	25
34	Study on the Clinical, Imaging, and Pathological Characteristics of 18 Cases with Primary Central Nervous System Vasculitis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 920-928.	1.6	24
35	Prevalence and extent of right-to-left shunt on contrast-enhanced transcranial Doppler in Chinese patients with migraine in a multicentre case-control study. <i>Cephalalgia</i> , 2018, 38, 690-696.	3.9	23
36	Intracranial Calcification is Predictive for Hemorrhagic Transformation and Prognosis After Intravenous Thrombolysis in Non-Cardioembolic Stroke Patients. <i>Journal of Atherosclerosis and Thrombosis</i> , 2021, 28, 356-364.	2.0	21

#	ARTICLE	IF	CITATIONS
37	Angiotensin-like 4: A double-edged sword in atherosclerosis and ischemic stroke?. <i>Experimental Neurology</i> , 2015, 272, 61-66.	4.1	20
38	Antioxidant Melatonin: Potential Functions in Improving Cerebral Autoregulation After Subarachnoid Hemorrhage. <i>Frontiers in Physiology</i> , 2018, 9, 1146.	2.8	19
39	Pathological changes in neurovascular units: Lessons from cases of vascular dementia. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 17-25.	3.9	19
40	Hypertension prevalence, awareness, treatment, and control in northeast China: a population-based cross-sectional survey. <i>Journal of Human Hypertension</i> , 2018, 32, 54-65.	2.2	18
41	Preliminary Study of Dynamic Cerebral Autoregulation in Acute Ischemic Stroke: Association With Clinical Factors. <i>Frontiers in Neurology</i> , 2018, 9, 1006.	2.4	18
42	Effectiveness and Safety of Transcatheter Patent Foramen Ovale Closure for Migraine (EASTFORM) Trial. <i>Scientific Reports</i> , 2016, 6, 39081.	3.3	17
43	Transcatheter Patent Foramen Ovale Closure Is Effective in Alleviating Migraine in a 5-Year Follow-Up. <i>Frontiers in Neurology</i> , 2019, 10, 1224.	2.4	16
44	Impaired dynamic cerebral autoregulation is associated with the severity of neuroimaging features of cerebral small vessel disease. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 298-306.	3.9	16
45	Compromised cerebrovascular modulation in chronic anxiety: evidence from cerebral blood flow velocity measured by transcranial Doppler sonography. <i>Neuroscience Bulletin</i> , 2012, 28, 723-728.	2.9	15
46	Dynamic Cerebral Autoregulation in Asymptomatic Patients With Unilateral Middle Cerebral Artery Stenosis. <i>Medicine (United States)</i> , 2015, 94, e2234.	1.0	15
47	STAT4 Regulates the CD8+ Regulatory T Cell/T Follicular Helper Cell Axis and Promotes Atherogenesis in Insulin-Resistant <i>Ldlr^{-/-}</i> Mice. <i>Journal of Immunology</i> , 2017, 199, 3453-3465.	0.8	15
48	Compromised Dynamic Cerebral Autoregulation in Patients with Epilepsy. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	15
49	Effect of Hyperhomocysteinemia on Clinical Outcome and Hemorrhagic Transformation After Thrombolysis in Ischemic Stroke Patients. <i>Frontiers in Neurology</i> , 2019, 10, 592.	2.4	14
50	Prevalence and risk factors for diabetes and impaired fasting glucose in Northeast China: Results from the 2016 China National Stroke Screening Survey. <i>Diabetes Research and Clinical Practice</i> , 2018, 144, 302-313.	2.8	12
51	MiR-1207-5p targets PYCR1 to inhibit the progression of prostate cancer. <i>Biochemical and Biophysical Research Communications</i> , 2021, 575, 56-64.	2.1	12
52	Comparison of Two Contrast Agents for Right-to-Left Shunt Diagnosis with Contrast-Enhanced Transcranial Doppler. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 2317-2320.	1.5	11
53	MMP-9 inhibitors impair learning in spontaneously hypertensive rats. <i>PLoS ONE</i> , 2018, 13, e0208357.	2.5	10
54	Association Between Obesity Type and Common Vascular and Metabolic Diseases: A Cross-Sectional Study. <i>Frontiers in Endocrinology</i> , 2019, 10, 900.	3.5	10

#	ARTICLE	IF	CITATIONS
55	GAS6/Axl Signaling Modulates Blood-Brain Barrier Function Following Intravenous Thrombolysis in Acute Ischemic Stroke. <i>Frontiers in Immunology</i> , 2021, 12, 742359.	4.8	10
56	Golgi phosphoprotein 3 induces autophagy and epithelial-to-mesenchymal transition to promote metastasis in colon cancer. <i>Cell Death Discovery</i> , 2022, 8, 76.	4.7	10
57	Comparison of Different Methods of Valsalva Maneuver for Right-to-left Shunt Detection by Contrast-Enhanced Transcranial Doppler. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 1124-1129.	1.5	9
58	Compromised dynamic cerebral autoregulation in patients with generalized anxiety disorder: a study using transfer function analysis. <i>BMC Psychiatry</i> , 2018, 18, 164.	2.6	9
59	Compromised Dynamic Cerebral Autoregulation in Patients With Depression. <i>Frontiers in Psychiatry</i> , 2019, 10, 373.	2.6	9
60	BDE-47 induced PC-12 cell differentiation via TrkA downstream pathways and caused the loss of hippocampal neurons in BALB/c mice. <i>Journal of Hazardous Materials</i> , 2022, 422, 126850.	12.4	9
61	Effects of Patient Position on Right-to-Left Shunt Detection by Contrast Transcranial Doppler. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 654-658.	1.5	8
62	Intracranial dermoid cyst rupture-related brain ischemia. <i>Medicine (United States)</i> , 2017, 96, e5631.	1.0	8
63	The Impact of Variational Primary Collaterals on Cerebral Autoregulation. <i>Frontiers in Physiology</i> , 2018, 9, 759.	2.8	8
64	Spinal cord infarction presenting as Brown-Séquard syndrome from spontaneous vertebral artery dissection: a case report and literature review. <i>BMC Neurology</i> , 2019, 19, 321.	1.8	7
65	Early prediction of the 3-month outcome for individual acute ischemic stroke patients who received intravenous thrombolysis using the N2H3 nomogram model. <i>Therapeutic Advances in Neurological Disorders</i> , 2020, 13, 175628642095305.	3.5	7
66	Dynamic Cerebral Autoregulation Remains Stable During the Daytime (8 a.m. to 8 p.m.) in Healthy Adults. <i>Frontiers in Physiology</i> , 2018, 9, 1642.	2.8	6
67	Which Parameters of Beat-to-Beat Blood Pressure Best Predict Poor In-Hospital Outcome in Spontaneous Intracerebral Hemorrhage?. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 603340.	3.4	6
68	Sex-based differences in and risk factors for metabolic syndrome in adults aged 40 years and above in Northeast China: Results from the cross-sectional China national stroke screening survey. <i>BMJ Open</i> , 2021, 11, e038671.	1.9	6
69	A Data-Driven Approach to Transfer Function Analysis for Superior Discriminative Power: Optimized Assessment of Dynamic Cerebral Autoregulation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 909-921.	6.3	6
70	Using CRISPRa and CRISPRi Technologies to Study the Biological Functions of ITGB5, TIMP1, and TMEM176B in Prostate Cancer Cells. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 676021.	3.5	6
71	Diagnosis of Cervical Artery Dissection Using 3-T Magnetic Resonance Imaging. <i>JAMA Neurology</i> , 2015, 72, 600.	9.0	5
72	Characteristics of cardio-Cerebrovascular modulation in patients with generalized anxiety disorder: an observational study. <i>BMC Psychiatry</i> , 2017, 17, 259.	2.6	5

#	ARTICLE	IF	CITATIONS
73	Implementation of regional Acute Stroke Care Map increases thrombolysis rates for acute ischaemic stroke in Chinese urban area in only 3 months. <i>Stroke and Vascular Neurology</i> , 2021, 6, 87-94.	3.3	5
74	Association Between Cardiometabolic Index and Stroke: A Population- based Cross-sectional Study. <i>Current Neurovascular Research</i> , 2021, 18, 324-332.	1.1	5
75	Safety and efficacy of remote ischemic conditioning combined with intravenous thrombolysis for acute ischemic stroke: A multicenter, randomized, parallel-controlled clinical trial (SERIC-IVT) Study design and protocol. <i>International Journal of Stroke</i> , 2023, 18, 370-374.	5.9	5
76	Regular transient limb ischemia prevents atherosclerosis progression in hypercholesterolemic rabbits. <i>Chinese Medical Journal</i> , 2019, 132, 1079-1086.	2.3	4
77	Comparison of the Four Anthropometric Indexes and Their Association With Stroke: A Population-Based Cross-Sectional Study in Jilin Province, China. <i>Frontiers in Neurology</i> , 2019, 10, 1304.	2.4	4
78	Dynamic Cerebral Autoregulation in Embolic Stroke of Undetermined Source. <i>Frontiers in Physiology</i> , 2020, 11, 557408.	2.8	4
79	Therapeutic Potential of Remote Ischemic Conditioning in Vascular Cognitive Impairment. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 706759.	3.7	4
80	The protective role of short-chain fatty acids acting as signal molecules in chemotherapy- or radiation-induced intestinal inflammation. <i>American Journal of Cancer Research</i> , 2020, 10, 3508-3531.	1.4	4
81	The SDF-1/CXCR4 Signaling Pathway Directs the Migration of Systemically Transplanted Bone Marrow Mesenchymal Stem Cells Towards the Lesion Site in a Rat Model of Spinal Cord Injury. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 216-230.	1.3	4
82	Xenon-enhanced CT assessment of cerebral blood flow in stroke-in-progress patients with unilateral internal carotid artery or middle cerebral artery stenosis. <i>Neuroscience Bulletin</i> , 2013, 29, 693-700.	2.9	3
83	Non-Epstein-Barr virus-associated double primary lymphoepithelioma-like carcinoma of the esophagus and stomach: a case report and literature review. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 10051-7.	1.3	3
84	The Impact of Serial Remote Ischemic Conditioning on Dynamic Cerebral Autoregulation and Brain Injury Related Biomarkers. <i>Frontiers in Physiology</i> , 2022, 13, 835173.	2.8	3
85	The Accumulation of Key Stroke Risk Factors and Its Association With the Characteristics of Subjects: A Population Based Cross Sectional Study. <i>Frontiers in Neurology</i> , 2018, 9, 949.	2.4	2
86	Compromised Dynamic Cerebral Autoregulation in Patients With Idiopathic Rapid Eye Movement Behavior Disorder: A Case-Control Study Using Transcranial Doppler. <i>Frontiers in Psychiatry</i> , 2020, 11, 51.	2.6	2
87	Venous sinus stenting improves cerebral autoregulation in a patient with venous sinus stenosis: a case report. <i>BMC Neurology</i> , 2020, 20, 9.	1.8	2
88	Temporal Course of Cerebral Autoregulation in Patients With Narcolepsy Type 1: Two Case Reports. <i>Frontiers in Neurology</i> , 2019, 9, 1155.	2.4	1
89	Compromised Dynamic Cerebral Autoregulation in Patients With Central Disorders of Hypersomnolence. <i>Frontiers in Neurology</i> , 2021, 12, 634660.	2.4	1
90	Separation of normal and impaired dynamic cerebral autoregulation using deep embedded clustering: a proof-of-concept study. <i>Physiological Measurement</i> , 2021, 42, 074002.	2.1	1

#	ARTICLE	IF	CITATIONS
91	Biomarkers and Dynamic Cerebral Autoregulation of Obstructive Sleep Apnea-Hypopnea Syndrome. Nature and Science of Sleep, 2021, Volume 13, 2019-2028.	2.7	1
92	The Effect of Single-port Transvesical Laparoscopic Radical Prostatectomy on Erectile Function and Urinary Continence Compared to Intrafascial Endoscopic Extraperitoneal Radical Prostatectomy. Urology Journal, 2020, 17, 592-596.	0.4	1
93	Prognostic values of serum alkaline phosphatase and globulin levels in patients undergoing intravenous thrombolysis. Frontiers in Molecular Neuroscience, 0, 15, .	2.9	1
94	Cerebral Venous Regulation. Springer Series in Translational Stroke Research, 2019, , 87-101.	0.1	0
95	Neurosyphilis presenting as brainstem encephalitis and myelitis. WIT Transactions on Biomedicine and Health, 2014, , .	0.0	0
96	Dynamic cerebral autoregulation is heterogeneous in different subtypes of acute ischemic stroke (1068.5). FASEB Journal, 2014, 28, 1068.5.	0.5	0
97	A review of the methods to assess cerebral autoregulation. , 2014, , .		0
98	Acute vascular dementia and typical watershed infarctions due to hypovolemia aggravated cerebral ischemia associated with bilateral middle cerebral artery stenosis: case report and review of literature. , 2014, , .		0
99	Risk factors, microbiological data, and cost of stroke-associated pneumonia: a retrospective study of 331 Chinese patients. WIT Transactions on Biomedicine and Health, 2014, , .	0.0	0
100	Permanent bilateral subclavian steal syndrome. WIT Transactions on Biomedicine and Health, 2014, , .	0.0	0